

what is claimed is:

1. A method for use in a vehicle comprising:
 - sensing a current position of a trailer relative to the vehicle;
 - determining a vehicle steering wheel angle;
 - determining a predicted position of the trailer based on the current position and the steering wheel angle; and
- 10 displaying within the vehicle the current position and the predicted position of the trailer relative to the vehicle.
2. A method as recited in claim 1 wherein sensing a current position comprises sensing the current position in response to a camera.
- 15 3. A method as recited in claim 1 wherein sensing a current position comprises sensing the current position in response to a reverse aid system.
- 20 4. A method as recited in claim 1 wherein sensing a current position comprises sensing the current position in response to a hitch sensor.
- 25 5. A method as recited in claim 1 further comprising applying brake-steer to the trailer to reduce the turning radius of the trailer and vehicle.
6. A method as recited in claim 1 further comprising applying brake-steer to the trailer and

vehicle to reduce the turning radius of the trailer and vehicle.

7. A method as recited in claim 1 further comprising applying brake-steer to the vehicle to 5 reduce the turning radius of the trailer and vehicle.

8. A method as recited in claim 7 wherein applying brake-steer comprises applying at least one brake at a first wheel to reduce a vehicle turning radius.

10 9. A method as recited in claim 7 wherein applying brake-steer comprises applying an increased drive torque to a second wheel relative to a first wheel.

15 10. A method as recited in claim 7 applying brake-steer comprises increasing a normal load on the vehicle.

11. A method as recited in claim 1 wherein determining a predicted position comprises determining a vehicle trailer interference and 20 displaying the interference.

12. A method of controlling a vehicle having a trailer comprising:
generating a reverse direction signal corresponding to a reverse direction of the vehicle;
25 sensing a current position of a trailer relative to the vehicle;

determining a vehicle steering wheel angle;
determining a predicted position of the trailer based on the current position of the trailer and the steering wheel angle; and

5 displaying the current position and the predicted position within the vehicle in response to the reverse direction.

13. A method as recited in claim 12 wherein sensing a current position comprises sensing
10 10 a current position in response to a camera.

14. A method as recited in claim 12 wherein sensing a current position comprises sensing a current position in response to a reverse aid system.

15 15. A method as recited in claim 12 wherein sensing a current position comprises sensing a current position in response to a hitch sensor.

16. A method as recited in claim 12 wherein generating a reverse direction signal comprises generating a reverse direction from a shift lever.
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17. A method as recited in claim 12 wherein generating a reverse direction signal comprises generating a reverse direction from a push
25 button.

25 18. A method as recited in claim 12 wherein generating a reverse direction signal

comprises generating a reverse direction from a transmission controller.

19. A method as recited in claim 12 wherein generating a reverse direction signal 5 comprises generating a reverse direction from a wheel speed sensor.

20. A method as recited in claim 12 wherein generating a vehicle steering angle comprises generating a steering angle in response to a steering 10 angle sensor.

21. A system for a vehicle coupled to a trailer comprising:

a position sensor generating a position signal corresponding to a trailer position signal; 15 means to generate a reverse direction signal corresponding to a reverse direction of the vehicle; a display; a steering wheel angle sensor; and a controller coupled to the trailer 20 position signal display, and steering wheel angle sensor, said controller displaying a predicted path of the trailer in response to the position signal.

22. A system as recited in claim 21 wherein means to generate a reverse direction signal 25 comprises a shift lever.

23. A system as recited in claim 21
wherein means to generate a reverse direction signal
comprises a push button.

24. A system as recited in claim 21
5 wherein means to generate a reverse direction signal
comprises a transmission controller.

25. A system as recited in claim 21
wherein means to generate a reverse direction signal
comprises a wheel speed sensor.

10 26. A system as recited in claim 21
wherein the position sensor comprises a hitch sensor.

27. A system as recited in claim 21
wherein the position sensor comprises a reverse aid
sensor.

15 28. A system as recited in claim 21
wherein the reverse aid sensor comprises an
ultrasonic sensor.

29. A system as recited in claim 21
wherein the position sensor comprises a camera.

20 30. A system as recited in claim 21
further comprising input device said controller.